

a first circuit breaker positioned in the first socket, the first circuit breaker electrically interconnecting the two power connections when in a non-tripped state and electrically interconnecting the two alarm connections when in a tripped state;

a second circuit breaker positioned in the second socket, the second circuit breaker electrically interconnecting the two power connections when in a non-tripped state and electrically interconnecting the two alarm connections when in a tripped state.

#### Marked version

(Amended) 32. A power distribution bus alarm circuit, comprising:

a first and a second socket, each having two alarm connections and two power connections;

a first alarm circuit connected to first and second alarm connections of the first socket, the alarm circuit being responsive to a voltage being applied across the two connections of the first socket;

a second alarm circuit connected to first and second alarm connections of the second socket, the alarm circuit being responsive to a voltage being applied across the two connections of the second socket;

a voltage source electrically connected to one of the two connections of the first and second sockets;

a first circuit breaker positioned in the first socket, the first circuit breaker electrically interconnecting the two power connections when in a non-tripped state and electrically interconnecting the two alarm connections when in a [non-blown] tripped state;

a second circuit breaker positioned in the second socket, the second circuit breaker electrically interconnecting the two power connections when in a non-tripped state and electrically interconnecting the two alarm connections when in a tripped state.

#### Clean Version

(Amended) 43. A power distribution bus alarm circuit, comprising: